

Title (en)

APPARATUS FOR SEPARATING VARIABLE RIGIDITY SINGLE SHEET STACKS, PARTICULARLY FOR PAPER SHEETS OR ENVELOPES

Publication

EP 0406990 A3 19910814 (DE)

Application

EP 90250161 A 19900625

Priority

DE 3922293 A 19890704

Abstract (en)

[origin: US5040780A] In a sheet feeding apparatus for separating individual sheets (1b, 1c) of different stiffness from stacks (1d) thereof, the stack is pressed under the urgency of a spring force against separating rollers (9) and the sheet supply container (1) has an inclined front wall surface (10) on its front wall (4) upon which the stacked sheets are supported. A pair of arms (12) carrying separating elements (3) on their lower ends are carried on the supply container side wall (1a) for substantially parallel movement therealong. The arms (12) are implemented as linearly-movable switch sides (13) which are reciprocally displaceable between a lowered position in which the separating element end surfaces (15) rest against the supply container front wall surface (10) or the front region (11) thereof, and an upper or raised position in spaced apart relation to and providing a well-defined clearance (16) relative to the topmost sheet in the stack (1d).

IPC 1-7

B41J 13/00; B41J 11/58

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [A] EP 0300835 A2 19890125 - BROTHER IND LTD [JP]
- [A] DE 2033126 B2 19790628
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- [A] EP 0180778 A2 19860514 - IBM [US]
- [A] EP 0251819 A1 19880107 - NEC CORP [JP]

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